Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

- 1. Canceled.
- 2. (Currently amended) A multilayer electroluminescent device comprising a cathode, an anode, a light emitting layer (LEL) and a layer disposed between the cathode and anode containing a dihydrophenazine compound represented by:

wherein:

R₁ is hydrogen, halogen, alkyl of from 1 to 24 carbon atoms, which are branched, unbranched, or cyclic, aryl or substituted aryl of from 5 to 24 carbon atoms, heterocyclic or substituted heterocyclic, alkenyl or substituted alkenyl, alkoxy, aryloxy, amino, or connected to R₂ to form 5 or 6 member rings which may be substituted or unsubstituted;

R₄ is hydrogen, halogen, alkyl of from 1 to 24 carbon atoms, which are branched, unbranched, or cyclic, aryl or substituted aryl of from 5 to 24 carbon atoms, heterocyclic or substituted heterocyclic, alkenyl or substituted alkenyl, alkoxy, aryloxy, amino, or connected to R₃ to form 5 or 6 member rings which may be substituted or unsubstituted;

R₅ is hydrogen, halogen, alkyl of from 1 to 24 carbon atoms, which are branched, unbranched, or cyclic, aryl or substituted aryl of from 5 to 24 carbon atoms, heterocyclic or substituted heterocyclic, alkenyl, substituted alkenyl, alkoxy, aryloxy, amino, or connected to R₆ to form 5 or 6 member rings which may be substituted or unsubstituted;

R₈ is hydrogen, halogen, alkyl of from 1 to 24 carbon atoms, which are branched, unbranched, or cyclic, aryl or substituted aryl of from 5 to 24 carbon atoms, heterocyclic or substituted heterocyclic, alkenyl or substituted alkenyl, alkoxy, aryloxy, amino, or connected to R₇ to form 5 or 6 member rings which may be substituted or unsubstituted;

R₂ and R₃ are individually hydrogen, alkyl of from 1 to 24 carbon atoms, which are branched, unbranched, or cyclic, halogen, aryl or substituted aryl of from 5 to 24 carbon atoms, heterocyclic or substituted heterocyclic, alkenyl or substituted alkenyl, alkoxy, aryloxy, amino, thioaryl, thioalkyl, or connected to form 5 or 6 member rings which may be substituted or unsubstituted;

R₆ and R₇ are individually hydrogen, alkyl of from 1 to 24 carbon atoms, which are branched, unbranched, or cyclic, halogen, aryl or substituted aryl of from 5 to 24 carbon atoms, heterocyclic or substituted heterocyclic, alkenyl or substituted alkenyl, alkoxy, aryloxy, amino, thioaryl, thioalkyl, or connected to form 5 or 6 member rings which may be substituted or unsubstituted; and

R₉ and R₁₀ are individually hydrogen; alkyl of from 1 to 24 carbon atoms, which are branched, unbranched, or cyclic, aryl or substituted aryl of from 5 to 24 carbon atoms, heterocyclic or substituted heterocyclic, alkenyl or substituted alkenyl;

wherein one of R_1 , R_2 , R_3 , R_4 , R_5 , R_6 , R_7 , and R_8 , is something other than hydrogen.

 (Original) The multilayer electroluminescent device of claim 2 wherein the dihydrophenazine compound is of the formula:

4. (Original) The multilayer electroluminescent device of claim 2 wherein the dihydrophenazine compound is of the formula:

5. (Original) The multilayer electroluminescent device of claim 2 wherein the dihydrophenazine compound is of the formula:

6. (Original) The multilayer electroluminescent device of claim 2 wherein the dihydrophenazine compound is of the formula:

7. (Original) The multilayer electroluminescent device of claim 2 wherein the dihydrophenazine compound is of the formula:

8. (Original) The multilayer electroluminescent device of claim 2 wherein the dihydrophenazine compound is of the formula:

9. (Original) The multilayer electroluminescent device of claim 2 wherein the dihydrophenazine compound is of the formula:

10. (Original) The multilayer electroluminescent device of claim 2 wherein the dihydrophenazine compound is of the formula:

- 11. Canceled.
- 12. Canceled.
- 13. Canceled.
- 14. Canceled.
- 15. Canceled.
- 16. Canceled.
- 17. Canceled.

- 18. (Original) The multilayer electroluminescent device of claim 2 wherein the dihydrophenazine compound is contained in a layer that is adjacent to the anode.
- 19. (Original) The multilayer electroluminescent device of claim 2 wherein the dihydrophenazine compound is contained in a layer that is not adjacent to the anode.
- 20. (Original) The multilayer electroluminescent device of claim 2 wherein the dihydrophenazine compound is contained in a layer that is not adjacent to the light emitting layer.
- 21. (Original) The multilayer electroluminescent device of claim 2 wherein the dihydrophenazine derivative functions to improve hole-transporting and there is present in a layer between the anode and the light emitting layer a second compound that functions to improve hole transporting.
- 22. (Original) The multilayer electroluminescent device of claim 21 wherein the second compound is represented by:

wherein Q_1 and Q_2 are independently selected aromatic tertiary amine moieties and G is a linking group or a bond.

- 23. (Original) The multilayer electroluminescent device of claim 21 wherein the second compound is contained in the layer adjacent to the light emitting layer.
- 24. (Original) The multilayer electroluminescent device of claim 21 wherein the second compound is N,N'-di(1-naphthyl)-N,N'-diphenyl-4,4'-diaminobiphenyl or N,N'-di-1-naphthalenyl-N,N'-di-2-naphthalenyl-[1,1'-Biphenyl]-4,4'-diamine.
- 25. (Previously Presented) A multilayer electroluminescent device comprising a cathode, an anode, a light emitting layer (LEL) and a layer disposed between the cathode and anode containing a dihydrophenazine compound represented by:

wherein:

R₁ is hydrogen, halogen, alkyl of from 1 to 24 carbon atoms, which are branched, unbranched, or cyclic, aryl or substituted aryl of from 5 to 24 carbon atoms, heterocyclic or substituted heterocyclic, alkenyl or substituted alkenyl, alkoxy, aryloxy, amino or connected to R₁₁ to form 5 or 6 member ring systems;

R₄ is hydrogen, halogen, alkyl of from 1 to 24 carbon atoms, which are branched, unbranched, or cyclic, aryl or substituted aryl of from 5 to 24 carbon atoms, heterocyclic or substituted heterocyclic, alkenyl or substituted alkenyl, alkoxy, aryloxy, amino or connected to R₁₄ to form 5 or 6 member ring systems;

R₅ is hydrogen, halogen, alkyl of from 1 to 24 carbon atoms, which are branched, unbranched, or cyclic, aryl or substituted aryl of from 5 to 24 carbon atoms, heterocyclic or substituted heterocyclic, alkenyl, substituted alkenyl, alkoxy, aryloxy, amino, or connected to R₆ to form 5 or 6 member ring systems;

R₅ and R₇ are individually hydrogen, alkyl of from 1 to 24 carbon atoms, which are branched, unbranched, or cyclic, halogen, aryl or substituted aryl of from 5 to 24 carbon atoms, heterocyclic or substituted heterocyclic, alkenyl or substituted alkenyl, alkoxy, aryloxy, amino, thioaryl, thioalkyl, or connected to form 5 or 6 member ring systems;

R₈ is hydrogen, halogen, alkyl of from 1 to 24 carbon atoms, which are branched, unbranched, or cyclic, aryl or substituted aryl of from 5 to 24 carbon atoms, heterocyclic or substituted heterocyclic, alkenyl or substituted alkenyl, alkoxy, aryloxy, amino, or connected to R₇ to form 5 or 6 member ring systems;

R₉ and R₁₀ are individually hydrogen, alkyl of from 1 to 24 carbon atoms, which are branched, unbranched, or cyclic, aryl or substituted aryl of from 5 to 24 carbon atoms, heterocyclic or substituted heterocyclic, alkenyl or substituted alkenyl;

 R_{11} is hydrogen, halogen, alkyl of from 1 to 24 carbon atoms, which are branched, unbranched, or cyclic, aryl or substituted aryl of from 5 to 24 carbon atoms, heterocyclic or substituted heterocyclic, alkenyl, substituted alkenyl, alkoxy, aryloxy, amino, connected to R_1 to form 5 or 6 member ring systems or connected to R_{12} to form 5 or 6 member ring systems;

R₁₂ and R₁₃ are individually hydrogen, alkyl of from 1 to 24 carbon atoms, which are branched, unbranched, or cyclic, halogen, aryl or substituted aryl of from 5 to 24 carbon atoms, heterocyclic or substituted heterocyclic, alkenyl or substituted alkenyl, alkoxy, aryloxy, amino, thioaryl, thioalkyl, or connected to form 5 or 6 member ring systems; and

R₁₄ is hydrogen, halogen, alkyl of from 1 to 24 carbon atoms, which are branched, unbranched, or cyclic, aryl or substituted aryl of from 5 to 24 carbon atoms, heterocyclic or substituted heterocyclic, alkenyl or substituted alkenyl, alkoxy, aryloxy, amino, connected to R₄ to form 5 or 6 member ring systems or connected to R₁₃ to form 5 or 6 member ring systems.

- 26. (Previously Presented) The multilayer electroluminescent device of claim 25 wherein the dihydrophenazine compound is contained in a layer that is adjacent to the anode.
- 27. (Previously Presented) The multilayer electroluminescent device of claim 25 wherein the dihydrophenazine compound is contained in a layer that is not adjacent to the anode.
- 28. (Previously Presented) The multilayer electroluminescent device of claim 25 wherein the dihydrophenazine compound is contained in a layer that is not adjacent to the light emitting layer.
- 29. (Previously Presented) The multilayer electroluminescent device of claim 25 wherein the dihydrophenazine derivative functions to improve hole-transporting and there is present in a layer between the anode and the light emitting layer a second compound that functions to improve hole transporting.
- 30. (Previously Presented) The multilayer electroluminescent device of claim 29 wherein the second compound is represented by:

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wherein Q_1 and Q_2 are independently selected aromatic tertiary amine moieties and G is a linking group or a bond.

- 31. (Previously Presented) The multilayer electroluminescent device of claim 29 wherein the second compound is contained in the layer adjacent to the light emitting layer.
- 32. (Previously Presented) The multilayer electroluminescent device of claim 29 wherein the second compound is N,N'-di(1-naphthyl)-N,N'-diphenyl-4,4'-diaminobiphenyl or N,N'-di-1-naphthalenyl-N,N'-di-2-naphthalenyl-[1,1'-Biphenyl]-4,4'-diamine.
- 33. (Currently amended) A multilayer electroluminescent device comprising a cathode, an anode, a light emitting layer (LEL) and a layer disposed between the cathode and anode containing a dihydrophenazine compound represented by:

wherein:

R₁ is hydrogen, halogen, alkyl of from 1 to 24 carbon atoms, which are branched, unbranched, or cyclic, aryl or substituted aryl of from 5 to 24 carbon atoms, heterocyclic or substituted heterocyclic, alkenyl or substituted alkenyl, alkoxy, aryloxy, or amino;

R₄ is hydrogen, halogen, alkyl of from 1 to 24 carbon atoms, which are branched, unbranched, or cyclic, aryl or substituted aryl of from 5 to 24 carbon atoms, heterocyclic or substituted heterocyclic, alkenyl or substituted alkenyl, alkoxy, aryloxy, or amino;

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R₅ is hydrogen, halogen, alkyl of from 1 to 24 carbon atoms, which are branched, unbranched, or cyclic, aryl or substituted aryl of from 5 to 24 carbon atoms, heterocyclic or substituted heterocyclic, alkenyl, substituted alkenyl, alkoxy, aryloxy, or amino;

R₈ is hydrogen, halogen, alkyl of from 1 to 24 carbon atoms, which are branched, unbranched, or cyclic, aryl or substituted aryl of from 5 to 24 carbon atoms, heterocyclic or substituted heterocyclic, alkenyl or substituted alkenyl, alkoxy, aryloxy, or amino; and

R₉ and R₁₀ are individually hydrogen, alkyl of from 1 to 24 carbon atoms, which are branched, unbranched, or cyclic, aryl or substituted aryl of from 5 to 24 carbon atoms, heterocyclic or substituted heterocyclic, alkenyl or substituted alkenyl.

- 34. (Previously Presented) The multilayer electroluminescent device of claim 33 wherein the dihydrophenazine compound is contained in a layer that is adjacent to the anode.
- 35. (Previously Presented) The multilayer electroluminescent device of claim 33 wherein the dihydrophenazine compound is contained in a layer that is not adjacent to the anode.
- 36. (Previously Presented) The multilayer electroluminescent device of claim 33 wherein the dihydrophenazine compound is contained in a layer that is not adjacent to the light emitting layer.
- 37. (Previously Presented) The multilayer electroluminescent device of claim 33 wherein the dihydrophenazine derivative functions to improve hole-transporting and there is present in a layer between the anode and the light emitting layer a second compound that functions to improve hole transporting.
- 38. (Previously Presented) The multilayer electroluminescent device of claim 37 wherein the second compound is represented by:

wherein Q₁ and Q₂ are independently selected aromatic tertiary amine moieties and G is a linking group or a bond.

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- 39. (Previously Presented) The multilayer electroluminescent device of claim 37 wherein the second compound is contained in the layer adjacent to the light emitting layer.
- 40. (Previously Presented) The multilayer electroluminescent device of claim 37 wherein the second compound is N,N'-di(1-naphthyl)-N,N'diphenyl-4,4'-diaminobiphenyl or N,N'-di-1-naphthalenyl-N,N'-di-2naphthalenyl-[1,1'-Biphenyl]-4,4'-diamine.
- 41. (Previously Presented) A multilayer electroluminescent device comprising a cathode, an anode, a light emitting layer (LEL) and a layer disposed between the cathode and anode containing a dihydrophenazine compound represented by:

wherein:

R₁ is hydrogen, halogen, alkyl of from 1 to 24 carbon atoms, which are branched, unbranched, or cyclic, aryl or substituted aryl of from 5 to 24 carbon atoms, heterocyclic or substituted heterocyclic, alkenyl or substituted alkenyl, alkoxy, aryloxy, or amino;

R4 is hydrogen, halogen, alkyl of from 1 to 24 carbon atoms, which are branched, unbranched, or cyclic, aryl or substituted aryl of from 5 to 24 carbon atoms, heterocyclic or substituted heterocyclic, alkenyl or substituted alkenyl. alkoxy, aryloxy, or amino;

R₅ is hydrogen, halogen, alkyl of from 1 to 24 carbon atoms, which are branched, unbranched, or cyclic, aryl or substituted aryl of from 5 to 24 carbon atoms, heterocyclic or substituted heterocyclic, alkenyl, substituted alkenyl, alkoxy, aryloxy, or amino;

R₈ is hydrogen, halogen, alkyl of from 1 to 24 carbon atoms, which are branched, unbranched, or cyclic, aryl or substituted aryl of from 5 to 24 carbon atoms, heterocyclic or substituted heterocyclic, alkenyl or substituted alkenyl, alkoxy, aryloxy, or amino; and

R₉ and R₁₀ are individually hydrogen, alkyl of from 1 to 24 carbon atoms, which are branched, unbranched, or cyclic, aryl or substituted aryl of from 5 to 24 carbon atoms, heterocyclic or substituted heterocyclic, alkenyl or substituted alkenyl.

- 42. (Previously Presented) The multilayer electroluminescent device of claim 41 wherein the dihydrophenazine compound is contained in a layer that is adjacent to the anode.
- 43. (Previously Presented) The multilayer electroluminescent device of claim 41 wherein the dihydrophenazine compound is contained in a layer that is not adjacent to the anode.
- 44. (Previously Presented) The multilayer electroluminescent device of claim 41 wherein the dihydrophenazine compound is contained in a layer that is not adjacent to the light emitting layer.
- 45. (Previously Presented) The multilayer electroluminescent device of claim 41 wherein the dihydrophenazine derivative functions to improve hole-transporting and there is present in a layer between the anode and the light emitting layer a second compound that functions to improve hole transporting.
- 46. (Previously Presented) The multilayer electroluminescent device of claim 45 wherein the second compound is represented by:

wherein Q_1 and Q_2 are independently selected aromatic tertiary amine moieties and G is a linking group or a bond.

- 47. (Previously Presented) The multilayer electroluminescent device of claim 45 wherein the second compound is contained in the layer adjacent to the light emitting layer.
- 48. (Previously Presented) The multilayer electroluminescent device of claim 45 wherein the second compound is N,N'-di(1-naphthyl)-N,N'-diphenyl-4,4'-diaminobiphenyl or N,N'-di-1-naphthalenyl-N,N'-di-2-naphthalenyl-[1,1'-Biphenyl]-4,4'-diamine.